

Find:

Patient:  Name:  SSN:  Endo:  Sex:  DOB:  1/20/62 OnsetDM:  2/13/99 PumpStart:  6/13/00

CPept:  ICA:  GAD:  Phone:  Email:  class:  U

Print Report:  Comments:

Interaction Date:  9/11/03

Hgt:  69.50 Wt:  200.00 HbA1c:  8.2 Creatinine:  Microalb:

BMI:  29.16

System for Meal Insulin, N, F, or C:  C

On a scale of 0 to 2 rate the patient's ability to follow chosen Meal Insulin system: (leave blank for N)  1

TDD avg:  54.67 Basal:  28.7 TDD:  26.24 Basal/TDD:  0.53 Target BG:  100 CF:  25 CIR:  12

Carbspd:  200 Carbspd(Hgt):  264.88

Meal Insulin:  25.0 CarbspdChoice:  265

Interaction Comments:

From Pg 2: Final Basal:  27.9

BGmean:  113 BGsd:  62 BGpd:  6.6 NBGs:  93 TDDa:  55 TDDb:  54 TDDc:  55 TDDd:  56 TDDe:  55 TDDf:  1801

TypInsul:  LPAS, R, BR:  LP

Pump or Shot:  LP

Long acting:

Recording? Y:  Y N:

Faxing? Y:  Y N:

Time between Insulin:  3.0

NSeverityHypoBelowVists:  1

Pump Type:  MiniMed 507C

BGmeter:  One Touch Ultra

Infusion Set:  QuickSet 5mm

Activity:  4

1=bedridden  
3=couch potato  
5=office worker w/walk  
8=jogs 4 times/wk  
10=pro athlete

Visit:  V, Teleph:  V

Vclass:  M=medical MD=medicalDialysis  
S=Study U=unreliable

Mid-sleep:  3  150  1

Record:  1  1  1  1 of 10

Form View

Figure 1: The first screen of Version 6.2.1.1.3, Digital Advisor for Practitioner, using Multiple Days' Data from pump type D. Outer panel is demographic data from table Tp. Inner panel is for patient's interaction with practitioner on a certain date. This is the first, showing un-scheduled data.

Find		SSN:	Endo	Sex	DOB	1/20/62	OnsetDM	2/13/99	PumpStart	6/13/00			
Patier	1	Name	asaTestPatient										
CPept:		ICA:		GAD:		Phone:		Comments:		Print Report			
										class			
										USE ONLY IF CHANGE			
Time Label	Basal Rate	Time	BG	Recorded Corr Insulin	Meal Insulin	CIR	Recommend- ed Basal Rate B pumps	Basal Rate Rx	Recom Meal Insulin	Meal Insulin Rx	CIR recom.	CIR Rx	USE ONLY IF CHANGE
Midnight	1.1	0		0			1.2	1.20					0
Mid-sleep	3	150	1	0			1.7	1.70					
Pre-breakfast	8	185	2	0			1.0344	1.00	7.9	0	10.63	10.6	
Pre-lunch	13	103	0.8	11	12		1.0593	1.00	12.5	0	10.56	10.24	
Pre-supper	19	95	0.6	7	12		0.8573	0.80	8.2	0	10.24	10.2	
Bedtime	22	105	1.2	0				0.00		0			
				0				0.00		0			
				0				0.00		0			
Midnight	24			0				0.00		0			
Recalculated Basal Totals: BasalTot 28.7    ColInsTot 5.6    MealInsTot 25    Rx Basl * 27.9    Rx Basl * Rx Times 3.6    Changes: -0.80													

Figure 2: The second screen of Version 6.2.1.1.3, Digital Advisor for Practitioner, using Multiple Days' Data from Pump Type D. This is second screen, which showing data that follows a daily schedule.

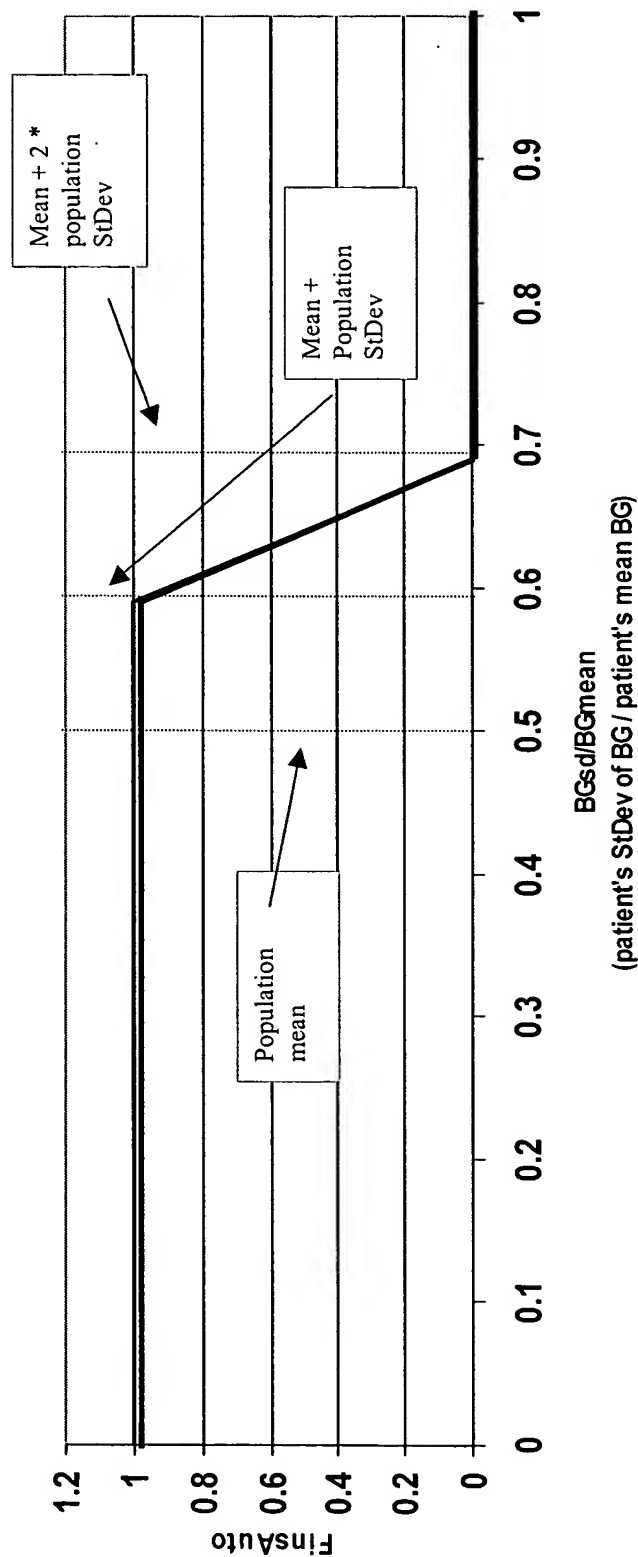


Figure 3: The multiplier  $F_{InsAuto}$ , which automates  $deR_{xInsAuto}$  in Automated Multiple Days' Data Version by comparing the standard deviation of the patient's BGs to the mean standard deviation from the database. The result is used as follows:  
 $deR_{xInsAuto} = F_{InsAuto} * K_{rxInsMax} * TBCorTot$